

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

KNUT MEYER ET. AL.

CASE NO.: CL2314USNA

APPLICATION NO.: 10/688745

CONFIRMATION NO.: 3903

GROUP ART UNIT: 1645

EXAMINER: UNKNOWN

FILED: OCTOBER 17, 2003

FOR: METHOD TO PRODUCE PARA-HYDROXYBENZOIC ACID IN THE STEM
TISSUE OF GREEN PLANTS BY USING A TISSUE-SPECIFIC PROMOTERINFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

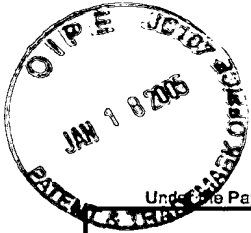
In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

**LINDA AXAMETHY FLOYD**
ATTORNEY FOR APPLICANTS
Registration No.: 33,692
Telephone: (302) 892-8112
Facsimile: (302) 892-1026Dated: *11 January 2005*

Enclosures



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on January 14, 2005
Date

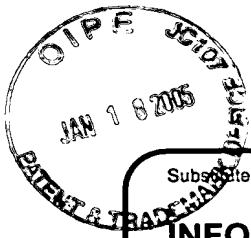
Susan Durkee
Signature

SUSAN DURKEE
Typed or printed name of person signing Certificate

Registration Number, if applicable _____ Telephone Number 302-892-1892

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

10/688745
CL2314USNA
INFORMATION DISCLOSURE STATEMENT
PTO/SB/08A FORM (1)
PTO/SB/08B FORMS (2)
COPIES OF REFERENCES (19)
POSTCARD



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number		10/688745			
Filing Date		October 17, 2003			
First Named Inventor		KNUT MEYER			
Group Art Unit		1645			
Examiner Name		UNKNOWN			
Attorney Docket Number		CL2314USNA			
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	1		WO 00 70058	11-23-2000	THE VICTORIA UNIVERSITY OF MANCHESTER		<input type="checkbox"/>
	2		WO 98/18949	05-07-1998	CALGENE, INC.		<input type="checkbox"/>
	3		WO 98/00549	01-08-1998	THE AUSTRALIAN NATIONAL UNIVERSITY AND COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION		<input type="checkbox"/>
	4		WO 00/04166	01-27-2000	E. I. DU PONT DE NEMOURS AND COMPANY		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/688745
Filing Date	October 17, 2003
First Named Inventor	KNUT MEYER ET. AL.
Group Art Unit	1645
Examiner Name	UNKNOWN
Attorney Docket Number	CL2314USNA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	MELINDA J. MAYER ET AL., Rerouting the Plant Phenylpropanoid Pathway by Expression of a Novel Bacterial Enoyl-CoA Hydratase/Lyase Enzyme Function, The Plant Cell, Vol. 13:1669-1682, 07/2001	<input type="checkbox"/>
	2	ADINPUNYA MITRA ET AL., 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid cleavage from Pseudomonas, causes formation of C6-C1 acid and alcohol glucose conjugates when expressed in hairy roots of Datura stramonium L., Planta, Vol. 215:79-89, 2002	<input type="checkbox"/>
	3	PAUL V. VIITANEN ET AL., UNITED STATES Patent Application Publication No. 2003/0215927 A1, Published 11-20-2003, UDP-GLUCOSYLTRANSFERASE, E. I. DU PONT DE NEMOURS AND COMPANY	<input type="checkbox"/>
	4	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1773286, ACCESSION NO. U71080, MAY 31, 1997, D. A. BELL-DELONG ET AL., Cinnamate-4-hydroxylase expression in Arabidopsis. Regulation in response to development and the environment	<input type="checkbox"/>
	5	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 609339, ACCESSION NO. U18675, MARCH 3, 2000, D. LEE ET AL., The Arabidopsis thaliana 4-coumarate:CoA ligase (4CL) gene: stress and developmentally regulated expression and nucleotide sequence of its cDNA	<input type="checkbox"/>
	6	NEIL G. TAYLOR ET AL., Interactions among three distinct CesA proteins essential for cellulose synthesis, PNAS, Vol. 100(3):1450-1455, 2/4/2003	<input type="checkbox"/>
	7	NEIL G. TAYLOR ET AL., The irregular xylem3 Locus of Arabidopsis Encodes a Cellulose Synthase Required for Secondary Cell Wall Synthesis, The Plant Cell, Vol. 11:769-779, 05-1999	<input type="checkbox"/>
	8	TODD A. RICHMOND ET AL., The Cellulose Synthase Superfamily, Plant Physiology, Vol. 124:495-498, 10/2000	<input type="checkbox"/>
	9	DEBORAH P. DELMER, Cellulose Biosynthesis: Exciting Times for A Difficult Field of Study, Annu. Rev. Plant Physiol. Plant Mol. Biol., Vol. 50:245-276, 1999	<input type="checkbox"/>
	10	LOUISE JONES ET AL., Cloning and characterization of irregular xylem4 (irx4): a severely lignin-deficient mutant of Arabidopsis, The Plant Journal, Vol. 26(2):205-216, 2001	<input type="checkbox"/>
	11	SIMON R. TURNER ET AL., Collapsed Xylem Phenotype of Arabidopsis Identifies Mutants Deficient in Cellulose Deposition in the Secondary Cell Wall, The Plant Cell, Vol. 9:689-701, 05/1997	<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/688745
		Filing Date	October 17, 2003
		First Named Inventor	KNUT MEYER ET. AL.
		Group Art Unit	1645
		Examiner Name	UNKNOWN
		Attorney Docket Number	CL2314USNA
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	NEIL G. TAYLOR ET AL., Multiple Cellulose Synthase Catalytic Subunits Are Required for Cellulose Synthesis in Arabidopsis, The Plant Cell, Vol. 12:2529-2539, 12/2000	<input type="checkbox"/>
	13	DOLLY A. BELL-LELONG ET AL., Cinnamate-4-Hydroxylase Expression in Arabidopsis, Plant Physiol., Vol. 113:729-738, 1997	<input type="checkbox"/>
	14	D. LEE ET AL., The Arabidopsis thaliana 4-coumarate:CoA ligase (4CL) gene: stress and developmentally regulated expression and nucleotide sequence of its cDNA, Plant Mol. Biol., Vol. 28(5):871-884, 1995	<input type="checkbox"/>
	15	T. RICHMOND, Higher plant cellulose synthases, Genome Biol., Vol. 1(4):reviews 3001.1-3001.6, 2000	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.